

## Murphy, Connor P. (MSFC-ES62)[ESSCA]

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**From:** stephenp@biofilms.biz  
**Sent:** Wednesday, February 22, 2023 5:53 PM  
**To:** 'Goeres, Darla'; Murphy, Connor P. (MSFC-ES62)[ESSCA]  
**Cc:** Beitle, Eric R. (MSFC-ES62)[ESSCA]; Warwood, Bryan  
**Subject:** [EXTERNAL] RE: Written Permission to Use an Image from BioSurface in ICES Paper

Hi Connor,

Please go ahead and use the image, with proper attribution (both BST and P. Norris).

Best

**Stephen Pedersen**  
**Director, Engineering and Design**  
Email stephenp@biofilms.biz | Tel 406.585.2812 | Web [www.biofilms.biz](http://www.biofilms.biz)  
**BioSurface Technologies Corp.** | 421 W Griffin Dr #2, Bozeman, MT 59715, USA

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**From:** Goeres, Darla <[darla\\_g@montana.edu](mailto:darla_g@montana.edu)>  
**Sent:** Wednesday, February 22, 2023 3:16 PM  
**To:** Murphy, Connor P. (MSFC-ES62)[ESSCA] <[connor.p.murphy@nasa.gov](mailto:connor.p.murphy@nasa.gov)>; stephenp@biofilms.biz  
**Cc:** Beitle, Eric R. (MSFC-ES62)[ESSCA] <[eric.r.beitle@nasa.gov](mailto:eric.r.beitle@nasa.gov)>  
**Subject:** RE: Written Permission to Use an Image from BioSurface in ICES Paper

Hi Stephen,

Please see Connor's message on using the below image in the ICES paper. I believe that it was originally drawn by a MSU student (Norris 2003), but at this point it is in the BST Operator's Manual. Would you mind giving "official" permission? A version of this image is also in the ASTM method.

Thanks,  
Darla

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**From:** Murphy, Connor P. (MSFC-ES62)[ESSCA] <[connor.p.murphy@nasa.gov](mailto:connor.p.murphy@nasa.gov)>  
**Sent:** Wednesday, February 22, 2023 3:06 PM  
**To:** Goeres, Darla <[darla\\_g@montana.edu](mailto:darla_g@montana.edu)>  
**Cc:** Beitle, Eric R. (MSFC-ES62)[ESSCA] <[eric.r.beitle@nasa.gov](mailto:eric.r.beitle@nasa.gov)>  
**Subject:** Written Permission to Use an Image from BioSurface in ICES Paper

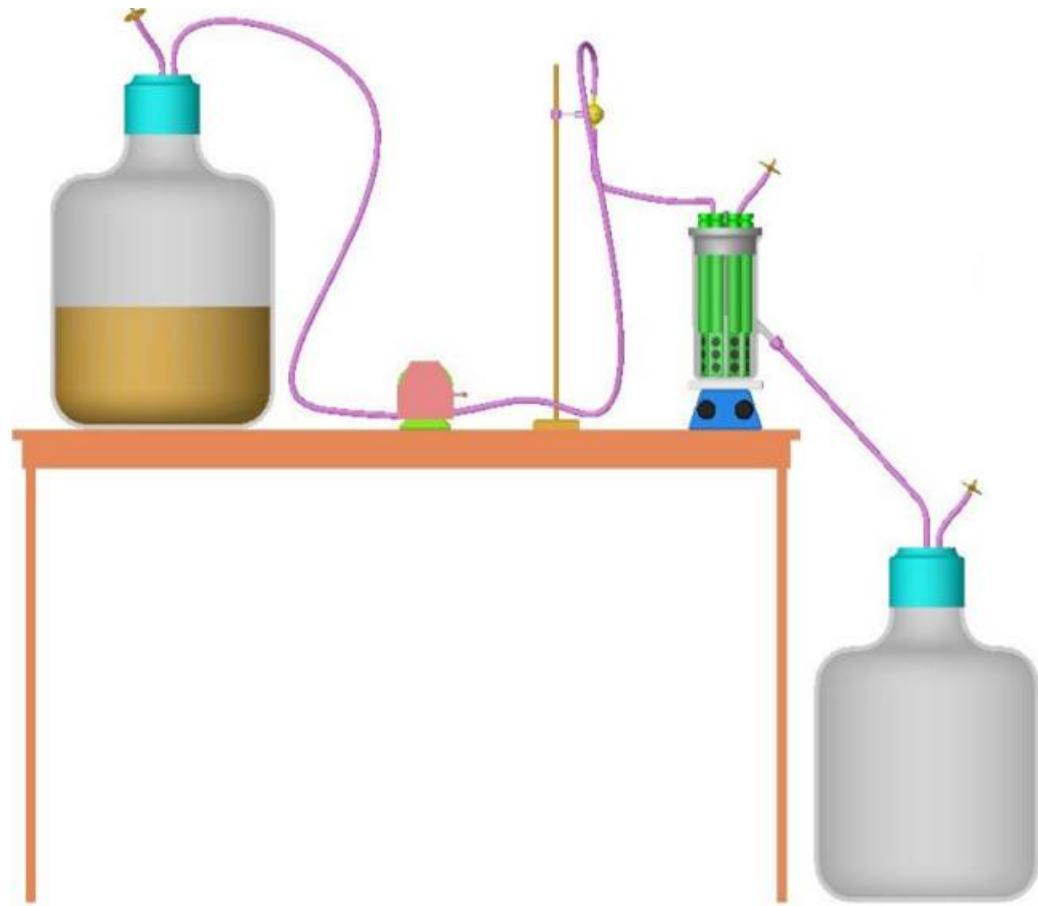
**\*\*External Sender\*\***

Hi Darla,

I have been working with Eric on the ICES paper submissions and we have to have them approved by our STRIVES database before we can send them out to ICES for consideration.

I used an image from BioSurface's CDC Biofilm Reactor® (CBR) Operator's Manual, and the image is cited in the paper as well.

STRIVES kicked back and wanted me to receive written approval to use the image and wanted to see if you could direct me to who I should ask within BioSurface for said permission. For clarification I have attached the image in question as well.



Thanks in advance,  
**Connor Murphy**  
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Jacobs Space Exploration Group  
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